

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20060231176").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/03/06 15:22
S2	1	("2002226937").PN.	JPO	OR	OFF	2008/03/06 15:40
S3	584	148/603.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:19
S5	448	420/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:22
S6	361	420/120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:22
S7	437	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:25
S8	284	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3 and cool\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:25
S9	284	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3 and cool\$3 and steel	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:25
S10	53	420/119.ccls. and ((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:27

S11	36	420/120.ccls. and ((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:27
S12	2685	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:28
S13	777	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3 and steel and ferrit\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:29
S14	333	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3 and steel and ferrit\$2 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:32
S15	287	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3 and steel and ferrit\$2 and coil\$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:35
S16	1	"2000144316"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:41
S17	3	"10147838"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:42

S18	1	"2001073064"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:42
S19	1	"2004169180"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/03/11 10:42
S20	443	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/11/25 11:13
S21	289	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3 and cool\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/11/25 11:13
S22	289	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3 and cool\$3 and steel	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/11/25 11:13
S23	53	420/119.ccls. and ((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/11/25 11:13
S24	38	420/120.ccls. and ((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/11/25 11:13
S25	313	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3 and steel and ferrit\$2 and coil\$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/11/25 11:14

S26	2837	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:08
S27	1418	148/320,337.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:12
S28	455	420/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:12
S29	371	420/120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:12
S30	600	148/603.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:12
S31	2660	S27 or S28 or S29 or S30	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:13
S32	301	S26 and S31	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:13
S33	301	S32 and cold same roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:13
S34	186	S33 and (microstructure or ferrit\$3 or martensit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:14
S35	449	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:14
S36	295	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3 and cool\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:15

S37	295	148/603.ccls. and cold and roll\$3 and hot and coil\$3 and anneal\$3 and cool\$3 and steel	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:15
S38	54	420/119.ccls. and ((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:15
S39	39	420/120.ccls. and ((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:15
S40	337	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3 and steel and ferrit\$2 and coil\$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/06/02 11:15
S41	4	"2003084966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/23 15:44
S42	2	"20030084966"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/23 15:44
S43	3	"6743307"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/11/23 17:09
S44	2	"6572716"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 12:09
S45	2	"20020179193"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 14:00

S46	3	"2002317249"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 14:34
S47	12	"5123969"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 15:28
S48	3	"0109396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 15:41
S49	1	"200109396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 15:41
S50	2906	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12
S51	1454	148/320,337.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12
S52	466	420/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12
S53	383	420/120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12
S54	605	148/603.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12
S55	2716	S51 or S52 or S53 or S54	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12
S56	318	S50 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12

S57	318	S56 and cold same roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12
S58	203	S57 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:12
S59	2264	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:13
S60	269	S59 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:13
S61	167	S60 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:13
S62	128	S61 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:14
S63	117	S62 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:14
S64	1247	S59 and ("148".clas. or "420".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:15
S65	674	S64 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:15
S66	128	S62 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:16
S67	297	S65 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:16

S68	274	S67 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2009/12/03 17:16
S69	5	"2001009396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 17:18
S70	4	"01009396"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 17:19
S71	1	WO-0109396-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/12/03 17:20
S72	2	"20030047256"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/07/31 18:48
S73	3035	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30
S74	1507	148/320,337.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30
S75	473	420/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30
S76	399	420/120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30
S77	612	148/603.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30
S78	2791	S74 or S75 or S76 or S77	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30

S79	342	S73 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30
S80	342	S79 and cold same roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30
S81	225	S80 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:30
S82	2370	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:31
S83	292	S82 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:31
S84	188	S83 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:31
S85	143	S84 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:31
S86	126	S85 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:31
S87	1305	S82 and ("148".clas. or "420".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:32
S88	726	S87 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:32
S89	143	S85 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:32

S90	330	S88 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:32
S91	297	S90 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:32
S92	1314	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nickel or Ni) same (iron or Fe)) and cold same roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:32
S93	107	S92 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:33
S94	107	S93 and cold same roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:33
S95	83	S94 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:34
S96	9	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) (nickel or Ni) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:34
S97	979	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (nickel or Ni) same (iron or Fe)) and cold same roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:34
S98	94	S97 and S78	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:35

S99	94	S98 and cold same roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:35
S100	72	S99 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/07/31 21:35
S101	3096	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S102	1536	148/320,337.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S103	479	420/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S104	411	420/120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S105	615	148/603.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S106	2833	S102 or S103 or S104 or S105	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S107	357	S101 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S108	357	S107 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S109	238	S108 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13

S110	2418	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S111	304	S110 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S112	198	S111 and (microstructure or ferrit\$3 or martensit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S113	150	S112 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S114	133	S113 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:13
S115	1332	S110 and ("148".clas. or "420".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:14
S116	750	S115 and (microstructure or ferrit\$3 or martensit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:14
S117	150	S113 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:14
S118	346	S116 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:14
S119	310	S118 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:14

S120	1335	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nickel or Ni) same (iron or Fe)) and cold same roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15
S121	112	S120 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15
S122	112	S121 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15
S123	86	S122 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15
S124	9	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) (nickel or Ni) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15
S125	994	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (nickel or Ni) same (iron or Fe)) and cold same roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15
S126	99	S125 and S106	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15
S127	99	S126 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15
S128	75	S127 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2010/12/21 09:15

S129	4	"2003089851"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/24 16:46
S130	2	"20020179193"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/24 16:57
S131	4	"6743307"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/24 17:09
S132	3	"2003213369"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/29 16:48
S133	7	"2790009"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/30 11:17
S134	5	"6319338"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/30 11:27
S135	6	"6544354"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/30 13:12
S136	11	"10130782"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/30 14:26
S137	2	"08176729"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/30 14:26
S138	13	"5123969"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/30 14:37
S139	9	"5178693"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2011/03/30 14:44

S140	3200	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S141	1558	148/320,337.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S142	482	420/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S143	414	420/120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S144	619	148/603.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S145	2863	S141 or S142 or S143 or S144	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S146	371	S140 and S145	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S147	371	S146 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S148	249	S147 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:41
S149	2503	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42

S150	316	S149 and S145	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S151	208	S150 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S152	158	S151 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S153	140	S152 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S154	1356	S149 and ("148".clas. or "420".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S155	772	S154 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S156	158	S152 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S157	362	S155 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S158	325	S157 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:42
S159	1371	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nickel or Ni) same (iron or Fe)) and cold same roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43
S160	118	S159 and S145	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43

S161	118	S160 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43
S162	92	S161 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43
S163	9	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) (nickel or Ni) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43
S164	1021	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (nickel or Ni) same (iron or Fe)) and cold same roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43
S165	104	S164 and S145	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43
S166	104	S165 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43
S167	80	S166 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/03/31 11:43
S168	3289	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09
S169	1601	148/320,337.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09

S170	485	420/119.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09
S171	417	420/120.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09
S172	625	148/603.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09
S173	2915	S169 or S170 or S171 or S172	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09
S174	394	S168 and S173	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09
S175	394	S174 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09
S176	269	S175 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:09
S177	2573	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S178	336	S177 and S173	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S179	225	S178 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S180	167	S179 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10

S181	149	S180 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S182	167	S180 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S183	1400	S177 and ("148".clas. or "420".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S184	806	S183 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S185	381	S184 and coil\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S186	341	S185 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:10
S187	1421	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nickel or Ni) same (iron or Fe)) and cold same roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14
S188	130	S187 and S173	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14
S189	130	S188 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14
S190	103	S189 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14

S191	9	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) (nickel or Ni) same (iron or Fe)) and cold same roll\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14
S192	1054	((carbon or C) same (silicon or Si) same (manganese or Mn) same (phosphorus or P) same (sulfur or S) same (aluminum or Al) same (nitrogen or N) same (nickel or Ni) same (iron or Fe)) and cold same roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14
S193	113	S192 and S173	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14
S194	113	S193 and cold same roll \$4	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14
S195	88	S194 and (microstructure or ferrit\$3 or martensit \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2011/09/13 17:14

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